

combinations of the illustrative embodiments, as well as other embodiments of the invention, will be apparent to persons skilled in the art upon reference to the description. It is therefore intended that the appended claims encompass any such modifications or embodiments. For example, the housing of the embodiments containing the display may also incorporate a protective covering or other means to deploy the screen from a protective stored position. Also, the embodiment shown in FIG. 4 could be modified to include the double folding keyboard shown in FIG. 3a. Moreover, locking means could be added to any of the embodiments to secure the keyboard in the stowed position. In addition, the housing shown in the various figures could simply be a desk, counter surface, an electrical appliance enclosures or other surface such as a automobile dashboard where a compact, storable keyboard is desired.

What is claimed is:

1. A portable computing device comprising:
 - a. a unitary housing having a top and a bottom surface;
 - b. a display associated with the top surface of the housing;
 - c. a keyboard having a plurality of keys and having at least one folding hinge for folding a first portion of the keyboard over a second portion of the keyboard; and
 - d. a mounting hinge connecting the keyboard to the housing for deploying the keyboard from a storage position, where said storage position is substantially located in a bottom portion of the housing through an opening in the bottom surface, the keyboard in a deployed position being able to be unfolded, and where the keyboard keys are protected in the storage position.
2. The portable computer of claim 1, wherein said keyboard folding hinge is a lateral hinge dividing the keyboard into an upper keyboard section corresponding to said second keyboard portion and a lower keyboard section corresponding to said first keyboard section such that the keyboard uses a double hinge action to stow the keyboard.
3. The portable computer of claim 2, wherein said keyboard has three rows of keys above and three rows of keys below the hinge.
4. The portable computer of claim 2, wherein said portable computer is a personal digital assistant having a pen for user data input.
5. The portable computer of claim 1, wherein said keyboard folding hinge is a vertical hinge dividing the keyboard into an left keyboard section corresponding to said second keyboard portion and a right keyboard section corresponding to said first keyboard portion such that the keyboard uses a double hinge action to stow the keyboard.
6. The portable computer of claim 5, wherein said keyboard is divided such that the keyboard keys associated with touch typing on a QUERTY keyboard are located on the respective left and right section corresponding to the hand of the user used for typing the key.
7. The portable computer of claim 6, wherein said keyboard is divided such that the left and right sections corresponding to the hand of the user used for typing the key have a housing having a straight edge running from the top to the bottom of the keyboard.
8. The portable computer of claim 5, wherein said portable computer is a personal digital assistant having a pen for user data input.
9. The portable computer of claim 1, wherein said keyboard has two vertical hinges dividing the keyboard into a center keyboard section a left keyboard section and a right keyboard section.

10. The portable computer of claim 9, wherein said portable computer is a personal digital assistant having a pen for user data input.

11. A portable computing device comprising:

- a. a unitary housing having a top and a bottom surface;
- b. a display associated with the top surface of the housing;
- c. a keyboard having a plurality of keys and having at least one folding hinge for folding a first portion of the keyboard over a second portion of the keyboard; and
- d. a pivot connecting the keyboard to the housing at a single pivot point for pivotally deploying the keyboard from a storage position located in a lower portion of said housing, such that the keyboard is below said top surface and wherein a bottom of said keyboard is adjacent the bottom surface of the housing, the keyboard in a deployed position being able to be unfolded, and where the keyboard keys are protected in the storage position.

12. The portable computer of claim 11, wherein said portable computer is a personal digital assistant having a pen for user data input.

13. A keyboard for a computing device comprising:

- a. a mounting surface having a front face perpendicular to the mounting surface;
- b. a keyboard having a plurality of keys and having at least one folding hinge for folding a first portion of the keyboard over a second portion of the keyboard; and
- c. a mounting hinge connecting the second portion of the keyboard to the mounting surface at the front face for deploying the keyboard from a storage position, where said storage position is substantially located below the mounting surface, and wherein the keyboard is moved to the deployed position by rotating first about the mounting hinge and then about the folding hinge, and where the keyboard keys are protected in the storage position.

14. The keyboard of claim 13, wherein said keyboard folding hinge is a lateral hinge dividing the keyboard into an upper keyboard section corresponding to said second keyboard portion and a lower keyboard section corresponding to said first keyboard section such that the keyboard uses a double hinge action to stow the keyboard.

15. The keyboard of claim 14, wherein said keyboard has three rows of keys above and three rows of keys below the hinge.

16. The keyboard of claim 13, wherein said keyboard folding hinge is a vertical hinge dividing the keyboard into an left keyboard section corresponding to said second keyboard portion and a right keyboard section corresponding to said first keyboard portion such that the keyboard uses a double hinge action to stow the keyboard.

17. The portable computer of claim 16, wherein said keyboard is divided such that the keyboard keys associated with touch typing on a QUERTY keyboard are located on the respective left and right section corresponding to the hand of the user used for typing the key.

18. The portable computer of claim 17, wherein said keyboard is divided such that the left and right sections corresponding to the hand of the user used for typing the key have a housing having a straight edge running from the top to the bottom of the keyboard.

19. The portable computer of claim 13, wherein said keyboard has two vertical hinges dividing the keyboard into a center keyboard section a left keyboard section and a right keyboard section.